

Set	Items	Description
S1	274581	TARIFF
S2	777809	SHIPPING
S3	152729	IMPORT(N) EXPORT
S4	10455	S2 AND S3
S5	1816	S1 AND S4
S6	1325912	DATABASE
S7	138	S5 AND S6
S8	96	RD (unique items)
S9	12093349	GOODS OR PRODUCTS OR PARTS
S10	6618189	9 OR COMMODITIES
S11	12393002	S9 OR COMMODITIES
S12	121	S7 AND S11
S13	82	RD (unique items)
S14	10208	HTS OR HARMONIZED(W) TARIFF(W) SCHEDULE
S15	11	S13 AND S14
S16	11	S13 AND S15
S17	459513	DUTIES
S18	459513	DUTIES
S19	15	S12 AND S17
?		

5/K/1 (Item 1 from file: 15)

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...ABSTRACT: have the global logistics expertise or systems in place to fulfill international transactions. NextLinx has **export**, **import** and logistics applications and transaction engines that tap its global e-commerce knowledge base to help companies determine taxes, pricing, regulations and compliance documentation. The **database** also carries 19,000 **harmonized tariff schedule** product classifications and more than 40 landed cost components for 100 countries.

...TEXT: international logistics. Taxes, tariffs, regulations and compliance issues can quickly translate into shipment delays, unclaimed **products** and costly returns if the correct processes are not followed.

Facing the most pressure are...

...Logistics Technologies Inc. and Cintra Software and Services Inc.

Silver Spring, Md.-based NextLinx has **export**, **import** and logistics applications and transaction engines that tap its global ecommerce knowledge base to help...

... and addresses of individuals and companies with which it is illegal to do business.

The **database** also carries 19,000 **harmonized tariff schedule** product classifications and more than 40 landed cost components for 100 countries, accounting for 95...

...com, Concord, N.C., said executives.

Before using the NextLinx knowledge base, selecting the correct **tariff** codes for international shipments was more of an art than a science, said Eric Scholar...

... a subsidiary of Cardinal Logistics Management Inc. "You've got real exposure out there. International **shipping** is still just really messy," he said.

Cisco Systems Inc. uses NextLinx modules for license...

15/K/2 (Item 2 from file: 15)

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HTS 2000 available

ABSTRACT: The newest version of the US **Harmonized Tariff Schedule**, **HTS** 2000, is now available for use by importers. The document provides everything you need to know in order to classify **goods**, but its complexity is daunting to all but the most experienced importers. Most of the changes in **HTS** classification and duty rates reflect staged duty reductions that are mandated by such multilateral trade...

TEXT: The newest version of the U.S. **Harmonized Tariff Schedule**, **HTS** 2000, is now available for use by importers,

The massive document - the 1999 version checked in at 1534 pages - provides everything you need to know in order to classif, **goods** but the sheer complexity of the thing is daunting to all but the most experienced importers. Mistakes in classifying **goods** are by far the most common reason that importers fail to comply with U.S...

... most of those mistakes can be traced to a lack of understanding of how the **HTS** works. A long-overdue simplification of the **HTS** is under way at the U.S. International Trade Commission but it won't be finalized for a few more years at least.

The current **HTS**, like its predecessors, reflects changes in classification of **goods** for purposes of duty and **tariff** assessment.

Craig Houser, a **tariff** expert with the ITC office of **Tariff** Affairs and Trade Agreements, said the preface of **HTS** 2000 explains the character of the changes that are reflected in the new document...

... the back of the document that indicates the new item classification numbers, said Houser.

The **HTS** was enacted by the Omnibus Trade and Competitiveness Act of 1988, and was first published in 1989 as a replacement for the **Tariff** Schedule of the United States. The International Trade Commission maintains and publishes the **HTS** and is charged with keeping it up to date and in conformity with the Harmonized Commodity Description and Coding System, an international format for classifying **goods** that was developed by the World Customs Organization.

Houser said that the **HTS** is published annually or as needed to reflect changes in the **tariff** schedule, and supplements are added on an as-needed basis. Unless importers are familiar with...

...other and how they can be applied practically.

"I have a good understanding of the **HTS** so I can look for changes in the areas that apply to me," he said...

... and gets more exacting as searches are refined and narrowed down to specific categories of **goods**. For example, if an importer was looking to classify integrated circuits, he or she would...

...by looking for categories such as gender or constituent material. Most of the changes in **HTS** classification and duty rates reflect staged duty reductions that are mandated by such multilateral trade...

... tool that makes it easier for importers to calculate duty rates is a searchable ITC tariff database that can be accessed through both the Customs and the ITC websites. The **database** allows importers to access ad valorem equivalent **tariff** rates for categories of **products** that have complex formulas for arriving at duty rates. The **database** also lists some **products** that are eligible for **tariff** preferences under special programs and includes trade data on some categories of **goods**. The ad valorem rates provided by the **database** are advisory only; importers still must consult the **HTS** for official duty and **tariff** rates.

**HTSUS** 2000 can be ordered from the Government Printing Office or downloaded from the...

... Expect lengthy download times unless you have access to high-speed internet connections.

Next week: **HTS** Simplification

**Import /Export** Logistics covers all logistical and **shipping** aspects of global trade that affect your bottom line. Please forward questions, suggestions and concerns to the author at [inexdb@crocker.com](mailto:inexdb@crocker.com) or to **Import /Export** Logistics in care of Traffic World, 1230 National Press Building, Washington, DC 20045.

15/K/3 (Item 1 from file: 16)

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... hidden costs associated with international buying and selling, such as duties and taxes, insurance and **shipping**.

Anthony Awaida, chief executive of Xporta, a California-based software company that provides immediate information...

...said.

Calculating the landed cost of importing or exporting has always been the responsibility of **export -import** managers who are experts on these issues. Now sales or procurement staff need this information...

...don't have that expertise, so they pick up the phone and liaise with the **export-import** manager, which takes a lot of phone and fax contact," Awaida said.

The **import-export** manager usually has to calculate the international taxes and tariffs and allocate a Harmonised **Tariff Schedule (HTS)** number, an international code to classify **products** for duty purposes.

The allocation of an **HTS** code is a legal requirement and is a highly complex, and crucial, part of the...

...not wilful negligence, it's just that the information is not widely available and the **export-import** laws are so complex. They can't proactively track whether they have the right licence, if they have paid enough tax or if they are **shipping** to a prohibited area," Minahan said.

Non-compliance with international trade regulations is a serious...

...from a hefty fine, which can be up to five times the value of the **goods** exported, a revocation of export privileges or even a prison sentence.

Having accurate information in...

...be imperative for global ventures," Minahan said.

For vLinx, a Canadian B2B exchange for consumer **products**, investing in software to automate trade and **tariff** rates for international imports and exports was an effective way of gaining competitive advantage and rationalising operations.

Formed two years ago, vLinx offers Asian-produced **goods** to wholesalers and retailers in Asia and the North American continent.

"Importing and exporting **goods** is a quagmire of complexity and fraught with uncertainty," said Kombiz Eghdami, chief executive and...

...the final price by 40% of stock value.

"Finding all the duty, tax data and **HTS** codes was a practical part of logistics, but it was taking up too many resources," said Eghdami,

After considering trade facilitation **products**, vLinx invested in Xporta's Global Tradeware software.

Previously, vLinx had 17 people working in-house to determine the **HTS** number and calculating landed costs.

vLinx chose Xporta as it felt it could integrate quickly with existing systems and because of the integrity of Xporta's **database** for **HTS** product codes.

The software was delivered via vLinx's customer relationship management system and took...

...By typing in a simplified product definition, the Catalog Harmoniser software automatically assigns it an **HTS** code, an important sourcing and decision-support tool to the company.

"...a laptop

	FRANCE BRAZIL	
Product	\$1,500	\$1,500
Duties	\$0	\$900
Taxes	\$322	\$880
<b>Shipping</b>	\$95	\$90
<b>TOTAL</b>	\$1,917	\$3,370

15/K/4 (Item 2 from file: 16)

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(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...in international logistics. Taxes, tariffs, regulations, and compliance issues can translate into shipment delays, unclaimed **products**, and costly returns if the correct processes are not followed.

... and Services Inc., Global Logistics Technologies Inc., and NextLinx Corp.

NextLinx, Silver Spring, Md., has **export**, **import**, and logistics applications and transaction engines that tap its global e-commerce

knowledge base to...

...and addresses of individuals and companies with which it is illegal to do business.

The **database** also carries 19,000 harmonized **tariff -schedule** product classifications and more than 40 landed cost components for 100 countries, accounting for 95...

...as dot-coms such as Clicklogistics.com, company executives said.

Before NextLinx, selecting the correct **tariff** codes for international shipments was more of an art than a science, said Eric Scholar...

...a subsidiary of Cardinal Logistics Management Inc.

"You've got real exposure out there. International **shipping** is still just really messy," he said.

Cisco Systems Inc. uses NextLinx modules for license...

**15/K/5 (Item 3 from file: 16)**

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(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...international logistics. Taxes, tariffs, regulations and compliance issues can quickly translate into shipment delays, unclaimed **products** and costly returns if the correct processes are not followed.

... Logistics Technologies Inc. and Cintra Software and Services Inc.

Silver Spring, Md.-based NextLinx has **export**, **import** and logistics applications and transaction engines that tap its global e-commerce knowledge base to...

...and addresses of individuals and companies with which it is illegal to do business.

The **database** also carries 19,000 harmonized **tariff schedule** product classifications and more than 40 landed cost components for 100 countries, accounting for 95...

...com, Concord, N.C., said executives.

Before using the NextLinx knowledge base, selecting the correct **tariff** codes for international shipments was more of an art than a science, said Eric Scholar...

...a subsidiary of Cardinal Logistics Management Inc. "You've got real exposure out there. International **shipping** is still just really messy," he said.

Cisco Systems Inc. uses NextLinx modules for license...

**15/K/6 (Item 4 from file: 16)**

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... 9 o'clock. Do you know what the subheading is for your product under the **Harmonized Tariff Schedule**?

You're not alone. The complexities of customs regulations, export finance and dealing with foreign...

...the U.S. Small Business Administration and the export insurance offered by the U.S. **Export -Import** Bank (Eximbank).

And several efforts have recently begun to make existing federal, state and local...

...for Eximbank's 100% loan guarantees to finance export sales or working capital to produce **goods** for export.

The goal is to cut a 60-to-75-day application process down...

...has been the recent decline of the dollar, which makes the price of U.S. **goods** relatively cheap abroad. Also, the widespread use of fax machines and lower international air fares...trade specialist for the agency.

There's also help for small companies on the computerized **database**

front.

Earlier this month, the SBA's Chicago office started offering a new computerized program...

...for any product, organized by the U.S. Standard Industrial Classification (SIC) code, the international **Harmonized Tariff Schedule** subheading or the Standard International Trade Classification, a United Nations system.

Atlas is part of...

...employee distributor in Chicago. 'Once you get your feet wet, you find it's like **shipping** to Detroit. You realize the only thing stopping you is yourself.'

With most of its...

...the export order came in.

Sure, there's extra paperwork involved with exporting, and the **shipping** requirements are complex, 'but they're big orders,' says Mr. Silberman. 'Sometimes, you do more...'

...Hupert, international coordinator for Chicago-based Scentex Inc., a maker of potpourri and other fragrance **products**. 'There are costs involved, but being able to sell to the other 90% is worth S. **Export - Import** Bank: (312) 641-1915

International Trade Assn. of Greater Chicago: (708) 980-4109  
International Trade...

15/K/7 (Item 1 from file: 20)

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(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Its Introduction of the First Real-Time Solution for Domestic and International Shipments of All Commodities

...B2B) exchanges and e-marketplaces to quote, in real time, the total landed cost of **goods** delivered both domestically and internationally. With this product, Xporta is the only decision-support provider to offer an automated process that enables users to determine the Harmonized **Tariff System** classification using common names or descriptions. The breakthrough Harmonizer(TM) capability is the first...

... their businesses online, they are confronted with the complexities of world trade, which include varying **shipping** rates, taxes, duties and tariffs. Buyers now have access to new sources of supply but...

... holding inventory in every market is not an option. Companies must be able to supply **goods** rapidly from centralized manufacturing or distribution plants. Until now they have not been able to determine, without extensive expertise in worldwide logistics, the most advantageous **shipping** source and the final delivered cost needed to ensure profitability while remaining competitive.

Xporta Provides...

... price comparisons in real-time, which are needed to identify the best worldwide sources of **goods**. And it provides B2B exchanges with powerful value-added features to attract and retain customers...

... freight costs. Its patent-pending technology automatically determines the product classification according to the Harmonized **Tariff System** (**HTS**), an essential process to enable duty calculation but a process that previously required considerable expertise. It then calculates the Universal Landed Cost encompassing **shipping**, insurance, duties, taxes and a myriad of other potential charges.

"The Xporta solution differs from...

...by transportation providers.

Xporta Universal Landed Cost Created for B2B exchanges and companies involved in **import /export**. It provides the same capability for quoting international transportation costs as Transport Cost does for...

... Landed Cost also calculates the custom duties, taxes, and other entry charges associated with importing **goods** into the U.S. or other countries. It also contains access to Xporta's extensive and continually refreshed **database** of **tariff** schedules, duty rates, and other importation taxes and fees for the major trading nations of...

... or marketplaces that want to classify a large number of items according to the Harmonized **Tariff** System (**HTS**). As part of the Universal Landed Cost offering, Xporta has developed the patent-pending Xporta Interactive Harmonizer to help users classify **goods** according to the **HTS**. The breakthrough capability of the Harmonizer is that it enables users to search for classifications using common names or descriptions instead of the **HTS**, which are arcane and complex. This is the first and only solution that simplifies the...

... by delivering real-time Universal Landed Cost that accurately reflects the total delivered costs of **goods** transported both domestically and internationally, taking into account source, destination and routing. Through innovative integration of proprietary technology and partnerships with industry leaders, Xporta provides automated calculation of **shipping**, insurance, taxes, duties and other tariffs via a fully hosted and maintained solution. Xporta is...

DESCRIPTORS: New **Products** & Services...

15/K/8 (Item 1 from file: 148)  
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... in the 1990 directory are new, reflecting a commitment by the vendors to develop innovative **products** and upgrade existing packages. Although this guide can't cover every product in this market...

...software packages help the user manage the entire order-fulfillment cycle, from order receipt to **shipping**. These programs typically generate invoices and interact with an accounts-receivable system, compile information on...

...availability information. The software handles pricing, invoicing, customer credit checking, inventory allocation, order picking and **shipping**, on-line inquiries, and more. It requires IBM System/38 hardware.

Friedman markets one other...

...These programs perform such activities as pricing, reorder notification, inventory valuation, and pick-list and **shipping**-notice generation. The planning/forecasting modules use demand forecasting simulation or reorder-point/leadtime logic...

...stock options, and inventory branch and master information. It runs on DEC hardware.

Other Argonaut **products** include: 578/AIS Sales Order II System. 144/BOS/Inventory Control. BOS National. Among the...number, date of manufacture or receipt, and lot number.

Professional Micro Systems markets two other **products** : 166/Pallet Pattern Calculator. 167/The Labor Reporter.

Distribution Center/Warehouse

Management

The software programs...

...Real-Time Tracking). K-RAM Corp. This warehouse-management program handles receiving, putaway, scheduling, picking, **shipping**, cycle counting, stock location, and more. It runs on DEC VAX and IBM AS-400...

...location selection, and stock-move management. DEC or HP 3000 computers are required.

Other Bakco **products** include: 176/Distribution & Financial Control System.

177/Conventional Warehouse Software System. Litton IAS. Stock/pallet

...  
...distribution-center operations. Among these functions are receiving, putaway, stock tracking, order entry, order picking, **shipping**, inventory control, and resource control.

180/Distribution Center Management and Control System (DCMCS). Dallas Systems...

...requirements of a distribution/warehouse environment, DCMCS manages a variety of functions, including receiving/putaway, **shipping**/replenishment, and inventory control. The software also offers management analysis and planning capabilities.

Several other **products** are available from Dallas Systems:  
181/Distribution Center Assignment Monitoring System. 182/Distibution Center On away, replenishment, trip planning, order selection, distribution planning, inventory control, and **shipping**. The software runs on IBM System/38 minicomputers and IBM mainframes.

Exeter also offers: 185...

...to optimize pallet patterns, evaluate load stability, and determine the loading and stacking strength of **shipping** cases. It is designed for DEC, HP, and IBM microcomputers.

Process Data offers several other...

...the flow of materials from warehousing and manufacturing to distibution, this program controls receiving and **shipping**, putaway and picking, inventory, WIP tracking, materials-handling equipment, personnel, and more.

200/On Line...

...processing. The system, which supports EDI/WINS, runs on HP 3000 Series computers.

Two other **products** are available from Logistic Systems:  
209/Logistix 5000. 210/SKU (for warehouse inventory control and...)

...and IBM computers. The program, which accommodates bar coding, also handles space management and receiving/**shipping** activities.

213/Warehouse Master II. Howard Way & associates. Order Processing, inventory control, and stock/pallet...

...replenishment, labor/space/handling analysis, bar coding, scanning, EDI, pallet control, and more.

Other MAVES **products** include: 215/Distribution Management System.  
216/Transportation Management System.

Logistics Management

The logistics-management software...

...can even handle the full range of logistics functions in an integrated fashion.

576/Automated **Shipping** and Mailing. ASAM International. This system merges **shipping**-system data with mainframe order-entry and billing information. Automatic rate calculation, rate storage and...

...reports for analyzing outbound freight activity by carrier, commodity class, and geographic region.

Other TanData **products** include: 218/ParceLink. 219/PartneRShip (for EDI).  
22/DCS/Logistics. Arthur Andersen & Co. DCS/Logistics...

...replenishment/purchasing, accounts receivable, and sales analysis. It operates on IBM mainframes.

Other Arthur Andersen **products** include: 221/Distribution Control System. 222/MAC-PAC (for integrated manufacturing, distribution, and finance).

223...

...increase cube utilization of trailers, containers, and railcars, LOAD PLAN provides a diagram of how **products** should be loaded into a vehicle. It also suggests adjustments to the order quantity if such changes improve

cube utilization.

224/RegScan HMT. Regulation Scanning. This computerized **database** provides access to Title 49 CFR, the federal hazardous-materials transportation regulations, as well as other dangerous-goods regulations and information. Hardware required is an IBM PC or compatible micro.

Several other programs...

...payment, and traffic-lane analysis by city, state, country, or ZIP code.

Other Sea Cloud **products** include: 229/SHIPMATE IV Multi- ...  
Northern Railroad. This logistics-analysis software package identifies the transportation and inventory costs of various **shipping** options, enabling shippers to compare the costs of up to four alternative transportation modes at...

...operate more effectively and assists in maintenance management. IBM AT hardware is required.

Other CADEC **products** include: 243/Logkeeper. 244/State Fuel Tax.

245/CATOC-Computer Assisted Transportation Operations Control.  
Analysis...

...manages all aspects of vehicle maintenance, including cost analysis, automatic preventive-maintenance scheduling, mechanic accountability, **parts** inventory, bar coding, vehicle replacement and exception reports, and billing.

261/Fleet Control. METS Inc...

...System/36 hardware.

563/GO4IT. Frost Associates. This fleet-management program, which contains a geographic **database**, offers interactive modeling to create detailed route simulations and optimizations. It operates on IBM PC...

...including preventive maintenance and warranty control, exception reporting, labor and productivity analysis, fluids management, and **parts**-inventory and purchase-order management. The system operates on IBM ... automate vehicle and equipment maintenance. The system--which includes modules that cover work orders, spare **parts**, preventive-maintenance scheduling, and more--operates on Unisys hardware.

281/MatchMaker/GDT. Geographic Data Technology...

...Mileage Inquiry System.

287/MileMaker. Rand McNally-TDM. MileMaker, the computerized version of the Household **Goods** Carriers' Bureau Mileage Guide, gives users access to official HHG mileages for freight-rating and driver-payroll applications.

Rand McNally-TDM also offers: 288/Micro-MileMaker. 289/MileMaker Customized **Products**. 290/MileMaker Mainframe. 291/MileMaker Practical Routing. 292/MileMaker Shortest Distance Routing.

293/MileMakerSystem/38andAS...

...drivers, calculates fuel and tax mileage, manages billing, calculates rates, and handles dispatching.

Several other **products** are available from Information Solutions:  
327/TMC-Container. 328/TMC-LTL. 329/TMC-Truckload.

330...

...Transman. Transportation Management Techniques. This computerized maintenance-management system consists of five modules: maintenance, fuel, **parts**, tire, and warranty management.

332/Trace II. Micro Solutions Inc.. Trace II is designed to...  
Trans-EAZ is a comprehensive for-hire fleet-management system that handles billing and rating, **tariff** maintenance, fuel and mileage reporting, and driver tracking and settlement. The program operates on any...

...2, and compatible hardware.

MicroAnalytics also offers: 338/OptiSite Distribution Planning Model.  
339/StreetNet Location **Database**.

340/Ultramain Fleet Maintenance System. Software Solutions Unlimited. Ultramain enables managers to control every aspect...

...maintenance forecasting, serialized inventory control, cost monitoring, replacement analysis, and employee-productivity management.

Several other **products** are available from Software Solutions: 341/Ultramain Assemblies Tracking. 342/Ultramain Facilities Management System. 343...

...Warranty Tracking.

Freight-Rate

Maintenance/Auditing

These software packages enable the user to maintain a **database** for shipment rating and freight-bill auditing. The auditing programs compare actual bills with optimum charges computed using the **database**. The systems then either authorize the payment of bills or pay them automatically. They report...

...shipments. It runs on IBM System 370, 30XX, 4300, and 9370 Series mainframes.

Other Cass **products** include: 346/Best Rate. 347/PC First Rate. 348/Railrate. 349/Rate Advice. 350/Rate...

...it provides immediate detection of duplicate or previously paid invoices or freight bills.

Other Williams **products** include: 355/Loss/Damage Management Software. 356/MORATE. 357/Quik-Tariff. 358/Rates. 359/Shipment Documentation Program.

360/Match Pay. Distribution Sciences Inc. This program handles...

...following modules: freight rating, freight accrual, EDI, and correspondence utilities.

366/RatesAll. Rocky Mountain Motor **Tariff** Bureau. This program rates motor freight using an IBM or compatible PC. Discounts and accessorial...

...Pre- and Post-Audit.

376/Shippers System. TCS (Transportation Concepts & Services). This fully integrated microcomputer **database** system not only automates the various **tariff** rate structures, but also allows users to load and maintain their own **tariff** rates and charges for various modes. Modules include rate **database** control, interactive planning, B/L rating and shipment pricing, distribution planning, and shipment planning. The...

...retrieval, freight-charge calculations, and freight-rate addition, deletion, and monitoring.

Reebie markets several other **products**, including:

378/Freight Locator.

379/Ratemark/PC.

380/RCAM 3/PC (for rail carload costing...).

...Rater. Southern Motor Carriers Rate Conference. Designed for the IBM PC, this program handles automatic **tariff** selection, multiple-level discounting, and rating. It incorporates 28 tariffs to date.

Other Southern Motor...Inc. These software models allow the user to optimize network flows of various types of **goods**, including distribution materials. The modules run on any microcomputer, minicomputer, or mainframe unit equipped with a FORTRAN compiler.

Other Insight **products** include:

391/Dispatch/Area Dispatch.

392/Micro-Dispatch.

393/National-Dispatch.

394/SAILS (Strategic Analysis...).

...The system runs on IBM AT and compatible hardware.

Cleveland Consulting markets several other software **products**, including:

396/Optimal Consolidator (for load consolidation and route building).

397/Optimal Load Runner (for...).

...and anticipated demand. The system operates on IBM S/38 and AS/400 hardware.

Other **products** available from IMREX are:

- 431/IMREX Cycle Count System.
- 432/IMREX Demand Forecasting.
- 433/IMREX...

...Resource Planning System. Management Science America (MSA)/Dun & Bradstreet Software (DBS). This system tracks finished **goods** through the distribution network to the end user. The program, which runs on IBM mainframes...

...management strategies, conducts multiple ABC stock analyses, and more.

MSA/DBS offers several other software **products**, including:

- 437/MSA Expert EDI.
- 438/MSA Forecasting System.
- 439/MSA Order Processing System.

Electronic markets several other **products**, including:

- 442/City Dispatch.
- 443/Claims Management.
- 444/Dial-Up Customer Service.
- 445/Dispatch & Dock...

...ANSI X12, TDCC, WINS, UCS, and virtually any other EDI standard.

Railinc offers several other **products**, including:

- 461/CLM Collection Services.
- 462/CLM/PC Tracing Software.
- 463/CRB/PC (for car...)

...the mainframe and minicomputer environments. All transactions are defined in ANSI X12 format standards.

Other **products** available from EDI Solutions are:

- 466/EDIimap (for applications interfacing).
- 467/EDItran Application Interface Service...

...to handle large data volumes with speed, flexibility, and security.

Ordernet offers several other EDI **products**, including:

- 471/EDI Services.
- 472/Gentran.
- 473/IBM expEDite/36. IBM Systems Integration Div., Commercial...

...files that call on system macros to perform EDI functions.

St. Paul offers several other **products**, including:

- 475/Auto ID--Label.
- 476/Auto ID--SCAN.
- 477/Datatrans.

478/InTouch EDI. Harbinger...their international freight. Although still few in number, these systems handle a wide variety of **import / export** functions, including documentation, duty-payment auditing, and freight-forwarder communications.

494/Drawback Management System. Dutycalc...

...2, and compatible hardware.

Dutycalc markets one other product:

- 495/Import Management System.

496/Harmonized **Tariff** Classification. MSR Inc. Developed to help Canadian shippers and customs brokers comply with the **Harmonized Tariff Schedule** requirements, this software helps users classify their **products** correctly. The system, which also provides access to official **tariff** information, operates on IBM PC and compatible hardware.

MSR markets several other software programs for...

...the financial, logistical, operational, and U.S. Customs-related activities involved in importing foreign-origin **goods**. It features nine fully integrated modules that automate the import cycle by generating purchase orders...

...auditing customs-duty payments, maintaining bank and vendor records, and providing management reports.

Other IMC **products** include:

- 502/Consolidator Management Controls (CMC).
- 503/Drawback Management Controls (DMC).

504/Logistics/Intl. Devcom...

...America. This logistics-management system was developed to track and report on the status of **goods** purchased from vendors and then sold to customers in the United States and in foreign...

...forwarder transactions, ocean/airline information, customs-broker activities, and equipment control.

Devcom offers several other **products**, including:

506/Export Documents.  
507/Import Track.  
508/Rate & Pay/Intl.  
509/Routing Intl.  
510...

...handles forecasting, order entry, purchasing, inventory, shipment planning, export documentation, and management information.

Several other **products** offered by Ulrich & Associates, including:

512/Broker Access.  
513/EDI-Flex.  
514/Forwarder Access.  
515...

...bill pre-rating and auditing, freight payment, duplicate-payment protection, and customized management reporting.

Other **products** available from Commercial Traffic are:

517/FreitDial.  
518/FreitPay.  
519/FreitRater.  
520/FreitReporter.  
521/PostAudit...

...and the allocation and payment of freight bills.

Freight Rate Service Co. offers several other **products** and services, including:

528/Freight Bill, Post-Audit Service.  
529/FRS Rates software.  
530/Private...

...ranking, auditing, routing, modeling and simulation, discounting, and more.

Numerax/McGraw Hill offers several other **products**:  
536/Create-A-Tariff.  
537/Custom Rating.  
538/EDI Auditing & Reporting Service.  
539/Logistics Information System-Freight Payment.  
540...

...DESCRIPTORS: Distribution of **goods**--

**15/K/9 (Item 2 from file: 148)**

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... statistical codes and for other commercial uses. Each country using the HS has in its **tariff** and statistical code a nucleus identical to that in every other country.

The **Harmonized Tariff Schedule** of the United States and the 1988 Edition, Schedule B contain the core nomenclature. This...

...members of the International Union of Railway will use the HS. The International Chamber of **Shipping** is switching to the HS for freight tariffs in two trades, Europe/West Indies and...

...every country had its own unique, and mostly non-comparable, system of describing and coding **goods** for its own purpose. The HS transcends these differences.

The HS provides the potential for...

...in conformity with the HS. Therefore, both the export code and the U.S. import **tariff** align 100% through the first six digits. (See charts on pg. 38.)

This information will...

...Nations Statistical Office is pursuing the feasibility and user needs for establishing and maintaining a **database** on international trade statistics in terms of the HS.

The HS was developed for customs tariffs and **import /export** statistics, and also for freight tariffs, production statistics, and other commercial uses.

Cut transaction costs...

...their automated systems. Non-automated descriptions and codes are also being used on invoices and **shipping** documents. Some companies use the codes and descriptions in internal **parts** and model numbers. This significantly lowers the cost of transactions by reducing the need to reclassify, redescribe, and recode **goods** for different purposes.

The universality of the HS also provides a basis for the electronic

...

...United States International Trade Commission is the government agency charged to draft and maintain the **tariff**, the U.S. Customs Service is responsible for its administration. Recently, the U.S. Customs...

...success.

PHOTO : More than half of the 96 Contracting Parties to the General Agreement on **Tariff** and Trade (GATT) have adopted the Harmonized System and 90% of the trade by GATT...

#### 15/K/10 (Item 3 from file: 148)

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... directory are new, reflecting a commitment on the part of software vendors to develop innovative **products** and upgrade existing packages.

Although this year's guide does not presume to cover every...

...Order-processing systems help the user manage the entire order cycle, from order receipt to **shipping**. These programs typically generate invoices and interact with an accounts-receivable system, compile information on...

...for order processing in multi-user/multi-company environments. It performs customer credit checks, produces **shipping** reports by invoice, and processes freight and labor charges.

Other Bristol **products** include: 133/'Bisness' Inventory Control System. 134/Control. Cambar Business Systems. This program performs such...

...line access to customer information, billing and pricing data, sales information, and open-order and **shipping**-status reports. 145/PC Order Processing. Ossi Data Processing Consultants. This IBM PC-compatible software...

...only generates, schedules, and maintains sales orders, but also accommodates multiple ship-to addresses and **shipping** dates. The package, which manages billing, inventory control, and accounts receivable, also prints customer and...capabilities. These programs perform such activities as pricing, reorder notification, inventory valuation, and picklist and **shipping**-notice generation. The planning/forecasting modules use demand forecasting simulation or reorder-point/leadtime logic...

...stock options, and inventory branch and master information. It runs on DEC hardware.

Other Argonaut **products** include: 163/AIS Sales Order II System. 164/BOS/Inventory Control. BOS National. Maintaining stock...

...system is designed to perform various materials-management functions,

including purchasing, inventory control and evaluation, goods receipt, storage-bin location management, invoice verification, and materials requirement planning.

Other SAP products include: 185/RV System (for order processing/invoicing). 186/The R-2 System (for integrated...

...public warehouses (through two different versions of the software).

Professional Micro Systems markets two other products : 190/Pallet Pattern Calculator. 191/The Labor Reporter.

Distribution Center/Warehouse Management

The software programs...

...design, location selection, and stockmove management. DEC or HP 3000 computers are required.

Other Bakco products include: 198/Distribution & Financial Control Applications. 199/Conventional Warehouse Software System. Litton IAS. Stock/pallet...

...requirements of a distribution/warehouse environment, DCMCS manages a variety of functions, including receiving/putaway, shipping/replenishment, and inventory control. The software also offers management analysis and planning capabilities.

Several other products are available from Dallas Systems: 203/Distribution Center Assignment Monitoring System. 204/Distribution Center On-Board Terminal Application. 205/Distribution Center Order Processing System. 206/Fast-Ship (for producing shipping instructions). 207/Engineered Labor Standards Activities Management and Control System. Eric C. Baum and Associates...

...activities such as receiving, putaway, replenishment, trip planning, order selection, distribution planning, inventory control, and shipping . The system runs on IBM System/38 minicomputers as well as on IBM mainframes.

Exeter...

...designer to optimize pallet patterns, evaluate load stability, and determine loading and stacking strength of shipping cases. It is designed for DEC, HP, and IBM microcomputers.

Process Data offers several other...

...Integrated Automation. Written for the HP 3000 computer, this package handles receiving, putaway, replenishment, picking, shipping , and shipment documentation. It was originally developed for warehouses of less than 250,000 square...and IBM computers. The program, which accommodates bar coding, also handles space management and receiving/shipping activities. 238/Warehouse Master II. Howard Way & Associates. Order processing, inventory control, and stock/pallet...

...family of software, Transportation Management tracks and controls materials in order to ensure that finished goods move from plant to warehouse to distribution center on time and in the right quantities. To do this, the system oversees carrier, shipping -order, and load-planning functions.

Control Data's other software products include: 240/Distribution Planning. 241/Operations Control. 242/Product and Materials Management. 243/Purchasing. 244/ATM (Advanced Traffic Management). Advanced Microware. This menu-driven software program automates and audits shipping operations. The package, which permits the user to define rates and process shipments for an almost unlimited number of carriers, weighs shipments, provides ZIP-to-zone rate conversion, calculates shipping charges, selects the least-cost/fastest method of shipment, and more. 245/Business Logistics System...

...replenishment/purchasing, accounts receivable, and sales analysis. It operates on IBM mainframes.

Other Arthur Andersen products include: 248/Distribution Control System/38. 249/MAC-PAC/38 (for integrated manufacturing, distribution, and finance). 250/EPSS-Electronic Process Shipping Systems. CRS Systems Div.

EPSS is a complete outbound traffic-management and inbound purchasing-control system. Designed for air and highway shippers and receivers, this system prepares **shipping** documents; selects routes, rates, and carriers for each shipment; audits carrier invoices; and manages freight...

...scale. It runs on IBM AT and compatible equipment.

Optimal Decision Systems offers several other **products**, including: 252/Distance Plus. 253/MICRO-LMS (for logistics modeling). 254/Optimal Load Runner. 255/Optimal Pathfinder. 256/Regulation Scanning System. Regulation Scanning. This computerized **database** provides access to Title 49 CFR, the federal hazardous-materials transportation regulations. Hardware required is...

...Northern Railroad. This logistics-analysis software package identifies the transportation and inventory costs of various **shipping** options, allowing shippers to compare the costs of up to four alternative transportation modes at...

...manage railcar fleets, processes railcar-location messages and waybills to create a current fleet-activity **database**. It requires IBM mainframe hardware. 277/CATOC-Computer Assisted Transportation Operations Control. A Analysis Inc...

...Control. 284/Freight Billing. 285/Freight Settlement. 286/Fuel and Miles Tax Reporting. 287/Rate **Tariff**. 288/Vehicle Maintenance. 289/CFA Vehicle Maintenance Reporting System. Computerized Fleet Analysis. This software package...including preventive maintenance and warranty control, exception reporting, labor and productivity analysis, fluids management, and **parts**-inventory and purchase-order management. The system operates on IBM 4300 or larger computers.

Control...

...automate vehicle and equipment maintenance. The system--which includes modules that cover work orders, spare **parts**, preventive-maintenance scheduling, and more--operates on Unisys hardware. 316/MatchMaker/GDT. Geographic Data Technology...

...Mileage Inquiry System. 319/MileMaker. Rand McNally-TDM. MileMaker, the computerized version on the Household **Goods** Carriers' Bureau Mileage Guide, gives users access to official HHG mileages for freight-rating and ...inspection, dispatching, and managing settlements and adjustments. The program operates on Ultimate computers.

Several other **products** are available from Information Solutions: 348/DMAC (distribution management). 349/EMAC (equipment maintenance). 350/TMC...

...Trans-EAZ is a comprehensive for-hire fleet-management system that handles billing and rating, **tariff** maintenance, fuel and mileage reporting, and driver tracking and settlement. The program operates on any

...  
...productivity management.

Freight-Rate Maintenance/Auditing

These software packages enable the user to maintain a **database** for shipment rating and freight-bill auditing. The auditing programs compare actual bills with optimum charges computed using the **database**. The systems then either authorize the payment of bills or pay them automatically. They report...

...shipments. It runs on IBM System 370, 30XX, 4300, and 9370 Series mainframes.

Other Comtrac **products** include: 384/Best Rate. 385/Carrier Assignment. 386/Consolidation Optimizer. 387/PC First Rate. 388...

...complete distribution-management and freight-bill-payment program. It operates on Digital hardware.

Other Williams **products** include: 391/FRATE (for LTL rating). 392/GRATE (for shipment rating). 393/Loss/Damage Management Software.

394/MORATE. 395/Quick-**Tariff**. 396/Shipment Consolidation. 397/Shipment Documentation Program. 398/Match Pay. Distribution Sciences Inc. This program...

...System. 402/EDI Match. 403/Frate Bank. 404/Geocentre. 405/PreShipment Planning. 406/ZIP 3 **Database**. 407/ZIP Guide. 408/ZIP Master. 409/ZIP Rate System. 410/MWB Diskrater. Middlewest Motor...

...416/Rate Retrieval and Maintenance. 417/VEHPLAN. 418/RatesAll Version 3.0. Rocky Mountain Motor **Tariff** Bureau. This program rates motor freight using a IBM or compatible PC. Discounts and accessorial...

...retrieval, freight-charge calculations, and freight-rate addition, deletion, and monitoring.

Reebie markets several other **products**, including: 423/Freight Locator. 424/Ratemark. 425/RCAM 3/PC (for rail carload costing). 426...

...Inc. These software models allow the user to optimize network flows of various types of **goods**, including distribution materials. The modules run on any microcomputer, minicomputer, or mainframe unit equipped with a FORTRAN compiler.

Other Insight **products** include: 435/Dispatch/Area Dispatch. 436/Micro-Dispatch. 437/National-Dispatch. 438/SAILS (Strategic Analysis...

...physical-distribution-system modeling and transportation analysis. The software, which includes a 4,000-point **database** of U.S. cities and towns, runs on IBM PC/XT/AT equipment or on...hardware. 477/MSA Distribution Resource Planning System. Management Science America (MSA). This system tracks finished **goods** through the distribution network to the end user. The program, which runs on IBM mainframes...

...schedule inventories, make customer-demand projections, and analyze distribution resources.

MSA offers several other software **products**, including: 478/MSA Expert EDI. 479/MSA Inventory System. 480/MSA Materials Management. 481/MSA ...ANSI X12, TDCC, WINS, UCS, and virtually any other EDI standard.

Railinc offers several other **products**, including: 501/CLM Collection Services. 502/CLM/PC Tracing Software. 503/Electronic Data Interchange Services...

...party EDI network as well as directly with trading partners.

Ordernet offers several other EDI **products**, including: 510/EDI Services. 511/Gentran. 512/IBM expEDIte/36. IBM Systems Integration Div., Commercial...

...their international freight. Although still few in number, these systems handle a wide variety of **import /export** functions, including documentation, duty-payment auditing, freight-forwarder communications, and more. 533/EX-TRA. Syntra...

...exporters, this PC-based software program generates documentation such as pro formas, commercial invoices, and **shipping** documents; tracks exports using 25 different reports; and handles electronic freight-forwarder communications. 534/Harmonized **Tariff** Classification. Management Systems Resources. Developed to help U.S. shippers comply with the **Harmonized Tariff Schedule** requirements, this software helps users classify their **products** correctly. The system, which also provides access to official **tariff** information, operates on IBM PC and compatible hardware. 535/Import Management Controls (IMC-II). IMC...

...the financial, logistical, operational, and U.S. Customs-related activities involved in importing foreign-origin **goods**. It features nine fully integrated modules that automate the import cycle by generating purchase orders...

...auditing customs-duty payments, maintaining bank and vendor records, and providing management reports.

Other IMC **products** include: 536/Consolidator Management Controls (CMC). 537/Drawback Management Controls (DMC). 538/Export Management

Controls...

...Spectrum. Designed for companies that import and distribute a variety of durable and non-durable **goods**, this system handles order entry/invoicing, purchasing, lot/traffic control, inventory, general ledger, accounts ... America. This logistics-management system was developed to track and report on the status of **goods** purchased from vendors and sold to customers in the United States and in foreign countries...

...handles freight-bill pre-auditing and payment.

Assured Freight Audit offers a number of other **products**, including: 543/AFA-ADS Assembly Distribution System. 544/AFA-Bill of Lading Generator. 545/AFA...

...ranking, auditing, routing, modeling and simulation, discounting, and more.

Numerax/McGraw Hill offers several other **products**: 570/Create-A-**Tariff**. 571/Custom Rating. 572/EDI Auditing & Reporting Service. 573/Logistics Information System-Freight Payment. 574...

...Paytech. McKesson Transportation Systems. Paytech is an automated freight-bill-payment service that also monitors **shipping** costs by date, location, customer, and account code.

McKesson also offers: 580/Ratetech (for carrier...).

...classifications, verifies rates and charges, eliminates duplicate payments, pays freight bills, and provides detailed monthly **shipping** reports.

Nationwide Traffic also markets a software program: 583/PC PREP. 584/Prorate. Continental Freight...

**15/K/11 (Item 1 from file: 636)**

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... sectors of OAS member countries, to help them promote the entry of the region's **products** into foreign markets and assist them in the decision-making process. -- Implementation of the SICE...

...around-the-clock 365 days per year.

Currently SICE offers the following databases:

U.S. **HARMONIZED TARIFF SCHEDULE**, ANNOTATED 1992 - Each record in this **database** provides the official **Harmonized Tariff Schedule** classification number, article description, units of measurement, and applicable rates of duty.

U.S. IMPORTS...

...current month imports for consumption; and last year's imports for consumption. Each table contains: **tariff** schedule commodity classification number, article description, units of measurements, country(ies) of origin, imported quantity...

...and consolidated totals of imports for consumption by chapter. (The U.S. adopted the Harmonized **Tariff** System on January 1, 1989, and SICE has included a cross-reference table for transition...).

...OF IMPORTERS - This privately-produced directory covers information on U.S. companies engaged in importing **goods**. Each report provides: company name and address; name(s) of the person(s) to be...

...usually utilizes for his transactions; name of the broker or agent; usual ports of entry; **Harmonized Tariff Schedule** commodity classification number and description of imported articles; country(ies) of origin; and registered trade...

...OF EXPORTERS - This privately-produced directory contains information on U.S. companies engaged in exporting **goods**. Each report provides: company name and address; name(s) of the person(s) to be...

...trade names used by the company.

U.S. MARKETS FOR PRIMARY WHOLESALE SELLING PRICES - This **database** provides wholesale prices on the following **commodities** that are traded on U.S. markets and/or exchanges: cotton; grains; dairy **products**; livestock; poultry; fruits, vegetables, nuts, ornamentals, and honey; tobacco; fresh and frozen fish and shellfish...

...trading activity, and quantities arrived by air, rail, boat, and truck. Selected information for this **database** related to SICE and OAS interests is collected daily from AP network sources.

U.S...

...OPPORTUNITIES OF SUPPLY AND DEMAND - Supply and Demand List: the objective of this SICE-developed **database** is to provide SICE users with a tool through which they may learn of or advertise supplies and demands of **products** and services. - Supply and Demand Data Entry: via this selection, ads on **products** or services may be placed providing the following data: **tariff** schedule commodity classification number, when known; article ... user wishes to maintain the ad.

MEXICO - DIRECTORY OF EXPORTERS/IMPORTERS - Each report in this **database**, produced by the Banco Nacional de Mexico, provides the following information: company name and address...

...of the broker or agent; classification number at the 4-digit level and description of **products**; country(ies) of destination (in the case of exports) or of origin (in the case...

...the number of employees and year when the company initiated its trading activities.

U.S. IMPORT /EXPORT MARITIME BILLS OF LADING - This **database** (known on DIALOG as the PIERS series of import /export databases) is available as an optional commercial **database** to SICE users (SICE users must make a \$500 deposit to access this **database**). Bills of lading of U.S. imports provide the following data: country of origin of the merchandise, name of the exporter/shipper, arrival date, **shipping** line, port of origin and of discharge, commodity description, units of measurement, weight in metric...

...S. textile import quotas - status, U.S. foreign trade Congressional legislation - update, chemical and related **products** - wholesale prices, lumber **products** - wholesale prices, metal **products** - wholesale prices; and fairs and exhibitions - schedules.

Telecommunications access (asynchronous) to SICE is available by...  
?ds